

Title (en)

Assembly for replacing a prosthetic heart valve

Title (de)

Baugruppe zum Ersetzen einer Herzklappenprothese

Title (fr)

Ensemble pour remplacer une valvule cardiaque prothétique

Publication

EP 2853238 A1 20150401 (EN)

Application

EP 14192682 A 20080227

Priority

- US 67975007 A 20070227
- EP 08780454 A 20080227

Abstract (en)

In one aspect, the present disclosure concerns a percutaneously delivered adapter stent that is deployed within a previously implanted prosthetic valve and serves as an anchor or platform for implanting a percutaneously delivered replacement valve within the previously implanted valve. The adapter stent can be delivered to the implantation site via the patient's vasculature and positioned within the previously implanted valve. The stent can then be deployed to cause the stent to expand and become anchored to the inner surface of the previously implanted valve. Subsequently, the replacement valve can be positioned within the adapter stent and deployed to cause the replacement valve to expand and become anchored to the adapter stent. The adapter stent and the replacement valve can be mounted on the same catheter for delivery to the implantation site.

IPC 8 full level

A61F 2/24 (2006.01)

CPC (source: EP US)

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Citation (applicant)

- US 6730118 B2 20040504 - SPENSER BENJAMIN [IL], et al
- US 6767362 B2 20040727 - SCHRECK STEFAN [US]
- US 6908481 B2 20050621 - CRIBIER ALAIN [FR]

Citation (search report)

- [A] US 2006287717 A1 20061221 - ROWE STANTON J [US], et al
- [A] US 2006195184 A1 20060831 - LANE ERNEST [US], et al

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Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2008208327 A1 20080828; CA 2678747 A1 20080904; CA 2678747 C 20151006; EP 2129334 A1 20091209; EP 2853238 A1 20150401; EP 2853238 B1 20160803; EP 3111888 A1 20170104; EP 3111888 B1 20200401; EP 3705092 A1 20200909; US 2011166636 A1 20110707; US 9095434 B2 20150804; WO 2008106531 A1 20080904

DOCDB simple family (application)

US 67975007 A 20070227; CA 2678747 A 20080227; EP 08780454 A 20080227; EP 14192682 A 20080227; EP 16181340 A 20080227; EP 20167327 A 20080227; US 2008055160 W 20080227; US 98678011 A 20110107